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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/634,139	08/08/2000	Ifay F. Chang	20676-000100US	4275

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EXAMINER

VU, THONG H

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 05/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/634,139

Applicant(s)

CHANG, IFAY F.

Examiner

Thong H Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-20 are pending.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. § 102(e) as being anticipated by

Schuster et al [Schuster 6,650,901 B1].

3. As per claim 1, Schuster discloses a method for operating a server comprises:

receiving a page request for a web page from a client computer via the Internet,
the web page including an icon [Schuster, web page, col 19 lines 37-65; icon display col
15 lines 10-27];

retrieving the web page from a storage of the server [Schuster, web page, col 19
lines 37-65];

sending the web page to the client computer via the Internet [Schuster, Internet,
col 10 lines 14-27,41-54];

receiving a request from the client computer to initiate a telephone call via the
Internet in response to a selection of the icon on the web page [Schuster, the user

Art Unit: 2142

interface or Web browser displayed a Web page, a keypad interface, a speed dial interface, an audio I/O interface, col 11 lines 54-61, icon display col 15 lines 10-27];

initiating a real-time communications channel between the client computer and the server via the Internet in response to the request [Schuster, Real Time Protocol, col 13 lines 17-34];

determining a telephone number in response to the request [Schuster, telephone identifier, col 10 lines 28-40];

using a voice modem, coupled to the server and to a telephone line, to dial the telephone number [Schuster, voice processing system, col 7 lines 40-54; voice CODEC, col 12 lines 40-63];

receiving packets of voice data from the client computer from the Internet [Schuster, Internet, col 10 lines 14-27,41-54];

reassembling the packets of voice data into a stream of digital voice data [Schuster, voice processing system converts voice to digital, digital to voice, col 7 lines 40-54];

converting the stream of digital voice data to a stream of analog voice data; outputting the stream of analog voice data to the voice modem, and outputting the stream of the analog voice data from the voice modem to the telephone line [Schuster, voice processing system converts voice to digital, digital to voice, col 7 lines 40-54].

4. As per claim 2, Schuster discloses receiving a stream of incoming analog voice data from the telephone line;

outputting the stream of incoming analog voice data from the voice modem to a sound card [Schuster, audio output interface, speaker interface, col 12 lines 6-15];

using the sound card to output a stream of incoming digital voice data in response to the stream of incoming analog voice data [Schuster, voice processing system converts voice to digital, digital to voice, col 7 lines 40-54];

packetizing the stream of incoming digital voice data to form packets of incoming digital voice data [Schuster, Voice CODEC, data network telephone, col 12 lines 40-56]; and

transmitting the packets of incoming digital voice data to the client computer via the Internet [Schuster, Internet, col 10 lines 14-27,41-54].

5. As per claim 3, Schuster discloses determining the telephone number response to the request comprises retrieving the telephone number from a memory in the server in response to the request [Schuster, caller ID, col 18 lines 5-48].

6. As per claim 4, Schuster discloses the request comprises the telephone number [Schuster, telephone identifier, col 10 lines 28-40].

7. As per claim 5, Schuster discloses the real-time communications channel incorporates a real-time transport protocol [Schuster, Real Time Protocol, col 13 lines 17-34].

8. As per claim 6, Schuster discloses receiving a request from the client computer to initiate the telephone call comprises receiving the request from the client computer to initiate the telephone call via another voice modem [Schuster, voice processing system, col 7 lines 40-54; voice CODEC, col 12 lines 40-63].

9. As per claims 7,14 Schuster discloses converting the stream of digital voice data comprises using a digital to analog converter of a sound card to convert the stream of digital voice data to the stream of analog voice data [Schuster, voice processing system converts voice to digital, digital to voice, col 7 lines 40-54; voice CODEC, col 12 lines 40-63].

10. Claims 8-13 and 15-20 contain the similar limitations set forth of claims 1-7.
Therefore, claims 8-13,15-20 are rejected for the similar rationale set forth in claims 1-7.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2142

11. Claims 1-20 are rejected under 35 U.S.C. § 102(e) as being anticipated by Ram et al [Ram 6,625,258 B1].

12. As per claim 1, Ram discloses a method for operating a server comprises:

receiving a page request for a web page from a client computer via the Internet, the web page including an icon [Ram, Web server provides access to Web pages on Web browsers, col 9 lines 3-20];

retrieving the web page from a storage of the server [Ram, Web server provides access to Web pages on Web browsers, col 9 lines 3-20];

sending the web page to the client computer via the Internet [Ram, Web server provides access to Web pages on Web browsers, col 9 lines 3-20];

receiving a request from the client computer to initiate a telephone call via the Internet in response to a selection of the icon on the web page [Ram, Web page provides icons allow a user manage calls, col 13 lines 45-65];

initiating a real-time communications channel between the client computer and the server via the Internet in response to the request [Ram, RPT, col 16 line 52- col 17 line 9];

determining a telephone number in response to the request [Ram, telephone numbers, col 10 lines 22-32; col 14 lines 20-50];

using a voice modem, coupled to the server and to a telephone line, to dial the telephone number [Ram, modem and cable modem, col 2 lines 10-16, 34-51];

receiving packets of voice data from the client computer from the Internet [Ram, IP telephony gateway, col 5 lines 44-67; text to speech conversion, col 8 lines 33-56];

reassembling the packets of voice data into a stream of digital voice data [Ram, multimedia phone, col 7 lines 1-12; IP based phone, col 10 lines 47-60];

converting the stream of digital voice data to a stream of analog voice data; outputting the stream of analog voice data to the voice modem, and outputting the stream of the analog voice data from the voice modem to the telephone line [Ram, modem and cable modem, col 2 lines 10-16, 34-51].

13. As per claim 2, Ram discloses receiving a stream of incoming analog voice data from the telephone line [Ram, audio phone, col 7 lines 1-12];

outputting the stream of incoming analog voice data from the voice modem to a sound card [Ram, voice recognition system, col 11 lines 1-5];

using the sound card to output a stream of incoming digital voice data in response to the stream of incoming analog voice data [Ram, speech recognition functions, col 8 lines 33-56];

packetizing the stream of incoming digital voice data to form packets of incoming digital voice data [Ram, modem and cable modem, col 2 lines 10-16, 34-51]; and

transmitting the packets of incoming digital voice data to the client computer via the Internet [Ram, Web server provides access to Web pages on Web browsers, col 9 lines 3-20; modem and cable modem, col 2 lines 10-16, 34-51].

14. As per claim 3, Ram discloses determining the telephone number response to the request comprises retrieving the telephone number from a memory in the server in

Art Unit: 2142

response to the request [Ram, telephone numbers, col 10 lines 22-32; col 14 lines 20-50].

15. As per claim 4, Ram discloses the request comprises the telephone number [Ram, telephone numbers, col 10 lines 22-32; col 14 lines 20-50].

16. As per claim 5, Ram discloses the real-time communications channel incorporates a real-time transport protocol [Ram, RPT, col 8 lines 33-56].

17. As per claim 6, Ram discloses receiving a request from the client computer to initiate the telephone call comprises receiving the request from the client computer to initiate the telephone call via another voice modem [Ram, modem and cable modem, col 2 lines 10-16, 34-51].

18. As per claims 7,14 Ram discloses converting the stream of digital voice data comprises using a digital to analog converter of a sound card to convert the stream of digital voice data to the stream of analog voice data [Ram, Interactive Voice Response, speech recognition functions, text to speech conversion, col 8 lines 33-56].

19. Claims 8-13 and 15-20 contain the similar limitations set forth of claims 1-7.

Therefore, claims 8-13,15-20 are rejected for the similar rationale set forth in claims 1-7.

Art Unit: 2142

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643. The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (703) 305-9705.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2142

